

Senior/Expert Business Management for Government Applications - 4 Days

Course U154 Overview

- You Will Learn How To**
- Direct and manage the application of Earned Value Management (EVM) techniques to federal projects
 - Integrate program performance measurement processes (technical, cost and schedule)
 - Oversee the program cost-estimating process and maintain practices to support budget planning
 - Institute EVM baselines, interpret EVM performance trends, and implement corrective actions
 - Manage the Integrated Baseline Review (IBR) process
 - Evaluate and employ EVM analysis software
- Course Benefits** Successful projects rely on comprehensive integrated management principles, tools and techniques. Through hands-on activities and a complex case study, you gain the knowledge and practical skills to coordinate the development of, oversee, evaluate and critique an EVM program linked to risk management. You also gain the skills to apply specific planning, programming and budgeting best practices to improve the government projects you manage.
- Who Should Attend** Senior/Expert program and project managers, directors, sponsors and others seeking Level III FAC-P/PM certification.
- Workshop Course** Through an immersive, simulated case study, you gain practical experience evaluating the development and implementation of a complex acquisition management plan. Activities include:
- Evaluating work breakdown structures
 - Evaluating a contract proposal
 - Reviewing a contractor's EVM system
 - Conducting and evaluating an integrated baseline review
 - Analyzing EVM data and trends
 - Managing program change
 - Assessing organizational EVM implementation

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Course U154 Outline

Reducing the Complexity of Acquisitions with EVM and Cost Analysis

The value of EVM

- Evaluating the importance of EVM and cost estimating
- Estimating the benefits of EVM and cost estimating
- Establishing a plan to implement advanced EVM and cost-estimating techniques

Defining the Needs of the Program

Assessing EVM readiness

- Evaluating advanced EVM Senior/Expert competencies
- Planning the resource needs for management
- Planning for an EVM program linked to risk

Improving performance

- Eliminating defects with BPR methods
- Instituting EVM baseline reviews
- Coordinating contracting processes, strategies and negotiations
- Conducting financial planning and execution reviews

Incorporating GAO Cost-Estimating Best Practices

Analyzing the 12 critical steps

- Defining the purpose of the estimate
- Developing the plan
- Defining program characteristics
- Outlining ground rules and assumptions
- Developing a point estimate and comparing it to an independent cost estimate

Gathering data

- Identifying ground rules and assumptions
- Conducting sensitivity, risk and uncertainty analyses
- Documenting the estimate
- Presenting the estimate for management approval
- Updating the estimate to reflect actual costs and changes

Maximizing Program Results

Evaluating links between cost estimating and EVM

- Comparing methods of cost estimating

- Discussing life cycle cost-estimating methods
- Managing the role of the cost estimator

Advanced Earned Value Management Principles

Adopting EVM policies and standards

- Translating an EVM legal and regulatory framework
- Recognizing and applying OMB policies
- Reviewing and applying ANSI/EIA-748 standards
- Explaining the National Defense Industrial Association (NDIA) management guides
- Understanding, assessing and evaluating EVM methodologies

Implementing advanced EVM techniques

- Applying EVM to integrate technical performance, schedule performance and cost performance
- Synthesizing EVM techniques and analysis
- Creating program status reports for stakeholders
- Interpreting graphic trend analysis

Reviewing Financial Reporting and Oversight

Conducting data analysis

- Evaluating the data selection
- Employing an information system
- Collecting, processing, maintaining, transmitting and reporting data on financial events
- Assessing the purpose of the data
- Supporting financial planning and budgeting activities

Improving complex reporting

- Accumulating and reporting cost information
- Supporting the preparation of financial statements
- Reporting to senior management
- Compare software tools in improving efficiency

Providing Guidance on Planning, Programming and Budgeting Systems Effective EVM and cost estimates to guide planning, programming and budget systems processes

- Appraising the program budget development process
- Critiquing allocation of funds within appropriations categories
- Exploring pitfalls of international partnerships, agreements and foreign funds